

ECS Configuration Change Request

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1. Originator Evan Winston	2. Log Date: 24 JAN 01	3. CCR #: 01-0071	4. Rev: —	5. Tel: 301.925.0348	6. Rm #: 2013	7. Dept. DEV/CO
8. CCR Title: Test Executable 5B.06_PDS.03 to EDC. Provides the changes for PDS from the 5B6A baseline to run on top of 5B.06 installation.. PDS.02 had missing files.						
9. Originator Signature/Date <i>Evan Winston 1/24/01</i>			10. Class II	11. Type: CCR	12. Need Date: 24Jan2001	
13. Office Manager Signature/Date <i>Evan Winston 1/24/01</i>			14. Category of Change: Update ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 28). Emergency	
16. Documentation/Drawings Impacted: N/A			17. Schedule Impact: N/A		18. CI(s) Affected: DMS, DSS, DIST, CSS, CLS, STMGT	
19. Release Affected by this Change: 5B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: PDS Capability 6A-09, NCRs 29460 and 29466 (these were provided in PDS.02). PDS.03 adds: 29576, 29549, 29425.						
23. Problem: (use additional Sheets if necessary) Provide a Test Executable of PDS so that EDC can run preliminary tests. TE PDS.02 had a .pkg file missing from the delivery. There have been additional SDSRV merges since the 1/10/01 delivery of PDS.02.						
24. Proposed Solution: (use additional sheets if necessary) Test Executable 5B.06_PDS.03 will provide EDC with software to test on top of 5B.06 software already installed. It must be installed over installations of 5B.06. NOTE: 5B.06_PDS.03 replaces TE PDS.01 and TE PDS.02 An SGI/IRIX65 version of SCLI is provided.						
25. Alternate Solution: (use additional sheets if necessary) Take no action now and wait until 5B.07 is available at the DAACs.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Delay in PDS testing.						
27. Justification for Emergency (If Block 15 is "Emergency"): EDC needs for PDS advance testing.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): <i>R. Scott Miller 1/24/01</i>			Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. M&O CCB Chair (Sign/Date): <i>For Rm. Techs</i> <i>Kenneth L. Pridgett 1/24/01</i>			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

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ECS/EDF/SCDV/M&O

ORIGINAL

ADDITIONAL SHEET

CCR #: 01-0071 Rev: - Originator: Evan Winston

Telephone: 301.925.0348 Office: DEV/CO

Title of Change: Test Executable 5B.06_PDS.03 to EDC. Provides the changes for PDS from the 5B6A baseline to run on top of 5B.06 installation.. PDS.02 had missing files.

CM: PLEASE, build Sun TAR file(s) for the listed files from current 5B6A baseline and provide to the SMC.

.EcCsSubServerGUI.pkg
.EcClOdAsterOnDemand.pkg
.EcDsDdDISTSRVR.pkg
.EcDmEcsToAsterGw.pkg
.EcDmINTFCSVR.pkg

build SGI IRIX TAR file(s) for the listed files from the current 5B6A baseline and provide to the SMC.

.EcDsStDatabase.pkg
.EcDsSCLI.pkg

SMC: Receive the TAR file(s) and make available to the EDC, PVC and VATC.

DAAC Install Instructions:

TE can be loaded on top of mode installations of 5B.06.

This TE replaces 5B.06_PDS.01 and PDS.02 (now obsolete).

EDC site map modified so the SCLI package is loaded on the INGEST (icg) box. can be modified if necessary.

Important NOTE !!!!!!!!!!!!!

For this install you will use the instructions below and then be using parts of the STMGT Install Instructions a copy is attached to this CCR and a copy will be attached to the Delivery Notice e-mail Message for this TE.

1. Get TAR Files from SMC distribution;
Make sure you select the SUN TAR file as well as the SGI/IRIX65 TAR files.

2. UNTAR the files and copy to the staging area using the Setup.ksh file.
a) Change to the platform staging directory:

cd /<distribution_directory>/<staging_directory>/SUN and then for the SGI

b) Execute the setup script (change the permissions on the script to 755 if necessary):

./<drop_name>_Setup.ksh

___ c) At the prompt "Press ^C to Cancel, Any Other Key to Continue:", press any key except ^C.

___ d) At the "Continue? (Y/N):" prompt, enter Y

___ e) At the "Extract ECS tar packages? (Y/N):" prompt, enter Y

___ f) Verify that the staging area location is correct on the line "Install ECS Staging area to:

<distribution_directory>/<staging_directory>/SUN" and then for the SGI

___ g) If correct, enter Y at the prompt "Enter ^C to Cancel, 'N' to change, 'Y' to continue:"

___ h) Verify that the following messages are received :

Cleaning up ... done.

Delivery setup is complete, you may now install ECS from staging area.

___ i) At the prompt "Update ECS Assist Common Files? (Root only)(Y/N)", enter Y

ORIGINAL

Be sure to select "Y" when prompted for "Update ECS Assist Common Files" to get the latest version of ECS ASSIST. THIS MUST BE RUN AS ROOT.

3. Modify the file permissions as specified below

```
cd /<distribution_directory>/<stage_directory>/SUN/CUSTOM/dbms
chmod 744 DSS/EcDsStDbLogin
cd /<distribution_directory>/<stage_directory>/SUN/CUSTOM/dbms
chmod 744 DMS/EcDmSybaseLogins.sql
```

4. On a SUN host, use E.A.S.I. to perform automated installation of the SGI and SUN packages/hosts as follows:

- a. Select the Mode to be installed
- b. Enter the location of the staged files
- c. Select CUSTOM and Click Next
- d. Hold down the SHIFT Key and select each of the affected SGI and SUN hosts. Click Next
- e. Select Install as the Installation Phase and Click Next
- f. Select STAGE as the Source File Location. Click Next
- g. Review the packages and hosts as displayed to ensure that they are going to be installed appropriately. Click Next
- h. Click COMM and ensure all hosts turn green, signaling they are communicating with ECS E.A.S.I.
- i. Click INSTALL and monitor each host. Ensure each SGI and SUN host turns green signaling a successful installation.

5. Now Refer to the attached STMGIT Configuration and Initialization sheets (these are attached to this NCR and are attached to the Delivery Notice e-mail message for this TE) for the remaining install instructions.

You will need to run rgy patch or mkcnfg for new configuration parameters and STMGIT Database patch -- MUST run for patches up to Patch #28!!!!!!

6. If the TE 5B.06_PDS.01 or PDS.02 was not installed before you may have to install DMS database patches. Apply the DMS Database Patch from the SubSystem Manager. Must have DBO privilege to perform this task.

- a. Click Database and Select Patch
- b. Select .dbparms
- c. Ensure Patch File name is: EcDmDdbPatch5B.sql and enter the DMS Sql DB access variables as prompted
- d. After patch has been applied review patch log in the logs directory and disregard the following warning statements:

There is already an object named 'TempKeywordAlias' in the database.
There is already an object named 'DmDdKeywordAliasXref' in the database.
There is already an object named 'TempStringDomain' in the database.
There is already an object named 'DmDdStringDomain' in the database.
Attempt to insert duplicate key row in object 'DmDdInfoMgr' with unique index
'pk_dmdinfomgr'. Command has been aborted.

Ensure no other error messages are present in the db patch log.

7. Validate that the database has the SchemaVersion of 78. If the version is already at 78 then skip to step 9. Must have DBO privilege to perform this task.

- a. Use isql to access the DMS database
- b. Execute the following command:
Select * from EcDbDatabaseVersions where EcDbCurrentVersionFlag = "Y"
- c. Ensure the field EcDbSchemaVersionId = 78.

8. Use ECS Assistant SubSystem Manager to apply the Registry Patch. Must have DBO privilege to perform this task.

- a. Select Tools from the top line Menu
- b. Select Registry Data Patch
- c. Enter the Registry DB access parameters as prompted. Ensure that the <RETURN> key is pressed after entering the value for Registry DB Name. Click the down arrow to select the appropriate Registry Tree to Patch. Click the "Select Patch File" button to enter the path where the .rgypatch is located.
/usr/ecs/<MODE>/CUSTOM/.installed/DMS/.rgypatch

9. Ensure that the Registry and all Servers are re-started.

10. The SCLI package will require some additional configuration changes. These have been provided under separate cover corresponding to PDS.02. These have not changed.

11. The Development Construction office will provide installation assistance as needed.